BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of work: Improvements to roads and Drains in Amruthanagar A Sector in ward No. 07 Byatarayanapura, Kodigehalli Sub Division.

Estimate Cost Rs. 99.00 Lakhs

| Sl No | Item of work | Unit | No | Length | Breadth | Depth | Quantity | Rate in Rs | Amount in Rs |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **Removing BS Slab of drain and stacking.** | | | | | | Sqm | | |
| | (P.No.25, I.No.5.32 of PW,P&IWTD S.R 2014-15 | | | | | | | | |
| | Amruthnagara 3rd Main | | 1 | 255.00 | 1.65 | | **420.75** | | |
| | Amruthnagara 1st Cross South Side | | 1 | 41.00 | 1.65 | | **67.65** | | |
| | Amruthnagara 1st Cross North Side | | 1 | 25.00 | 1.65 | | **41.25** | | |
| | Amruthnagara 2nd Cross South Side | | 1 | 55.00 | 1.65 | | **90.75** | | |
| | Amruthnagara 2ndCross North Side | | 1 | 152.00 | 1.65 | | **250.80** | | |
| | Amruthnagara 3rd Cross South Side | | 1 | 115.00 | 1.65 | | **189.75** | | |
| | Amruthnagara 3rdCross North Side | | 1 | 115.00 | 1.65 | | **189.75** | | |
| | Amruthnagara 4th Cross South Side | | 1 | 110.00 | 1.65 | | **181.50** | | |
| | Amruthnagara 4thCross North Side | | 1 | 175.00 | 1.65 | | **288.75** | | |
| | Amruthnagara 5th Cross South Side | | 1 | 104.00 | 1.65 | | **171.60** | | |
| | Amruthnagara 5thCross North Side | | 1 | 127.00 | 1.65 | | **209.55** | | |
| | Amruthnagara 6thCross North Side | | 1 | 31.00 | 1.65 | | **51.15** | | |
| | Amruthnagara 7thCross South Side | | 1 | 105.00 | 1.65 | | **173.25** | | |
| | Amruthnagara 4th Main | | 1 | 150.00 | 1.65 | | **247.50** | | |
| | Cross Road | | 1 | 50.00 | 1.65 | | **82.50** | | |
| | Cross Road | | 1 | 70.00 | 1.65 | | **115.50** | | |
| | 2nd Main Amruthnagara A Sector | | 1 | 86.00 | 7.00 | | **602.00** | | |
| | 1st Main AmruthnagaraA Sector | | 1 | 56.00 | 7.00 | | **392.00** | | |
| | | | | | | | **3766.00** | 58.32 | **219633.00** |
| | Basic Rate Rs. | 54.00 | | | | | | | |
| | Add 8% A.W Rs. | 4.32 | | | | | | | |
| | **Total Rate Rs.** | **58.32** | | | | | | | |
| 2 | **Refixing stone slabs of drains and pointing in CM 1:3.** | | | | | | | | |
| | (P.No.25, I.No. 5.33 of PW,P&IWTD S.R 2014-15) | | | | | | | | |
| | | Sqm | Qty Same as I.No.1 (80%) | | | | **3012.80** | 75.60 | **227768.00** |
| | Basic Rate Rs. | 70.00 | | | | | | | |
| | Add 8% A.W Rs. | 5.60 | | | | | | | |
| | **Total Rate Rs.** | **75.60** | | | | | | | |
| 3 | Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. (7.50cms thick) | | | | | | Sqm | | |
| | (P.No.25, I.No.5.31.1 of PW,P&IWTD SR 2014-15.) | | | | | | | | |
| | | | Qty Same as I.No.1 (20%) | | | | 753.20 | 639.36 | **481566.00** |
| | Basic Rate Rs. | 592.00 | | | | | | | |
| | Add 8% A.W Rs. | 47.36 | | | | | | | |
| | **Total Rate Rs.** | **639.36** | | | | | | | |
| 4 | KSRRB M300-2: **Earth work excavation by manual means in Ordinary Soil** involving an average horizontal throw up to 2mts and an average lift up to 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3. | | | | | | Cum | | |
| | (P.No.138, I.No.19.1 of PW,P&IWTD S.R 2014-15 | | | | | | | | |
| | For Drain | | 1 | 104.00 | 0.75 | 0.75 | **58.50** | | |
| | Amruthnagara 3rd Main | | 2 | 255.00 | 0.50 | 0.45 | **114.75** | | |
| | Amruthnagara 1st Cross South Side | | 2 | 41.00 | 0.50 | 0.45 | **18.45** | | |
| | Amruthnagara 1st Cross North Side | | 2 | 25.00 | 0.50 | 0.45 | **11.25** | | |
| | Amruthnagara 2nd Cross South Side | | 2 | 55.00 | 0.50 | 0.45 | **24.75** | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Amruthnagara 2ndCross North Side | | 2 | 152.00 | 0.50 | 0.45 | **68.40** | | |
| | Amruthnagara 3rd Cross South Side | | 2 | 115.00 | 0.50 | 0.45 | **51.75** | | |
| | Amruthnagara 3rdCross North Side | | 2 | 115.00 | 0.50 | 0.45 | **51.75** | | |
| | Amruthnagara 4th Cross South Side | | 2 | 110.00 | 0.50 | 0.45 | **49.50** | | |
| | Amruthnagara 4thCross North Side | | 2 | 175.00 | 0.50 | 0.45 | **78.75** | | |
| | Amruthnagara 5th Cross South Side | | 1 | 104.00 | 0.50 | 0.45 | **23.40** | | |
| | Amruthnagara 5thCross North Side | | 2 | 127.00 | 0.50 | 0.45 | **57.15** | | |
| | Amruthnagara 6thCross North Side | | 2 | 31.00 | 0.50 | 0.45 | **13.95** | | |
| | Amruthnagara 7thCross South Side | | 2 | 105.00 | 0.50 | 0.45 | **47.25** | | |
| | Amruthnagara 4th Main | | 2 | 105.00 | 0.50 | 0.45 | **47.25** | | |
| | Cross Road | | 2 | 150.00 | 0.50 | 0.45 | **67.50** | | |
| | Cross Road | | 2 | 50.00 | 0.50 | 0.45 | **22.50** | | |
| | 2nd Main Amruthnagara | | 1 | 70.00 | 7.00 | 0.45 | **220.50** | | |
| | 1st Main AmruthnagaraA Sector | | 1 | 86.00 | 7.00 | 0.2 | **120.40** | | |
| | For Culvert | | 3 | 7.50 | 1.60 | 0.9 | **32.40** | | |
| | | | | | | | **1180.15** | 75.60 | **89219.00** |
| | Basic Rate Rs. | 70.00 | | | | | | | |
| | Add 8% A.W Rs. | 5.60 | | | | | | | |
| | **Total Rate Rs.** | **75.60** | | | | | | | |
| 5 | KSRB - 4-1.6: Providing and laying in position **plain cement concrete of mix M15** with cement @ 240 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. | | | | | | | | |
| | (P.No.12, I.No.4.6 of PW, P&IWTD SR 2014-15) | | | | | | | | |
| | bed Concrete | | 1 | 104.00 | 0.75 | 0.15 | **11.70** | | |
| | For Culvert | | 3 | 7.50 | 1.60 | 0.15 | **5.40** | | |
| | | | | | | | **17.10** | 5327.64 | **91103.00** |
| | Basic Rate Rs. | 4933.00 | | | | | | | |
| | Add 8% A.W Rs. | 394.64 | | | | | | | |
| | **Total Rate Rs.** | **5327.64** | | | | | | | |
| 6 | KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc, and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per specifications. Specification No KBS 4.6.2. (Page No.15 item No.4.30) SR 2014-15 | | | | | | | | |
| | RCC drain | Sqm | 4 | 104.00 | 0.80 | | 332.80 | | |
| | | | | | | | **332.80** | 384.48 | **127955.00** |
| | Basic Rate Rs. | 356.00 | | | | | | | |
| | Add 8% A.W Rs. | 28.48 | | | | | | | |
| | **Total Rate Rs.** | **384.48** | | | | | | | |
| 7 | KSRB - 5.2.3: Providing and constructing **granite size stone masornry in foundation cement mortar 1:6**, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m.apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 | | | | | | | | |
| | (P.No.23, I.No.5.6 of PW, P&IWTD SR 2014-15) | | | | | | | | |
| | | Cum | | | | | | | |
| | Culvert | | 3 | 7.50 | 0.60 | 0.80 | 10.80 | | |
| | | | | | | | 10.80 | 3678.48 | **39728.00** |
| | Basic Rate Rs. | 3406.00 | | | | | | | |
| | Add 8% A.W Rs. | 272.48 | | | | | | | |
| | **Total Rate Rs.** | **3678.48** | | | | | | | |
| 8 | Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for **RCC Works laid in 15cms** thick layers and well compacted including vibrating curing etc., including smooth finish in CM 1:3 with all lead and lift etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed Cement concrete for Beams, Columns Staircase and Roof with M-20 (1:1.5:3) (Cement 320kg/cum) (Page No.18 item No.4.49.1) SR 2014-15 | | | | | | | | |
| | RCC drain | | 2 | 104.00 | 0.70 | 0.12 | 17.47 | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Drain Bed Slop | | 1 | 104.00 | 0.45 | 0.10 | 4.68 | | |
| | Covering Slab | | 1 | 104.00 | 1.00 | 0.15 | 15.60 | | |
| | Culvert Duck Slab | | 3 | 7.50 | 1.60 | 0.23 | 8.28 | | |
| | Ramp | | 6 | 7.50 | 0.60 | 0.23 | 6.21 | | |
| | | | | | | | **52.24** | 5847.12 | **305465.00** |
| | Basic Rate Rs. | 5414.00 | | | | | | | |
| | Add 8% A.W Rs. | 433.12 | | | | | | | |
| | **Total Rate Rs.** | **5847.12** | | | | | | | |
| 9 | KSRB 4.9.2: Providing TMT. Steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and /or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design ( laps, hooks and wastage shall not be measured and paid) cost of materials, lobour, HOM of machinery complete as per specifications. (Page No. 17 item No.4.46) SR 2014-15 | | | | | | | | |
| | Drain | | | 17.47 | 50 | | | | |
| | Covering Slab | | | 15.60 | 60 | | 936.00 | | |
| | Culvert Duck Slab | | | 8.28 | 80 | | 662.40 | | |
| | | | | | | | 1598.40 | | |
| | Basic Rate Rs. | 72548.00 | | | | | **2.47** | 78351.84 | **193529.00** |
| | Add 8% A.W Rs. | 5803.84 | | | | | | | |
| | **Total Rate Rs.** | **78351.84** | | | | | | | |
| 10 | KSRRB 300-44 Scarifying top **bituminous surface or surface dressing** or premix carpet including picking up scarified materials, stacking of old serviceable materials within a lead of 100 metres by manual means including cost of all abour charges complete as per specifications. MORTH Chapter 3 (P-143 I-19.50 SR-2014-15) | | | | | | Sqm | | |
| | Amruthnagara 3rd Main | | 1 | 255.00 | 7.00 | | **1785.00** | | |
| | Amruthnagara 1st Cross South Side | | 1 | 41.00 | 6.00 | | **246.00** | | |
| | Amruthnagara 1st Cross North Side | | 1 | 25.00 | 6.00 | | **150.00** | | |
| | Amruthnagara 2nd Cross South Side | | 1 | 55.00 | 6.00 | | **330.00** | | |
| | Amruthnagara 2ndCross North Side | | 1 | 152.00 | 7.00 | | **1064.00** | | |
| | Amruthnagara 3rd Cross South Side | | 1 | 115.00 | 7.00 | | **805.00** | | |
| | Amruthnagara 3rdCross North Side | | 1 | 115.00 | 7.00 | | **805.00** | | |
| | Amruthnagara 4th Cross South Side | | 1 | 110.00 | 7.00 | | **770.00** | | |
| | Amruthnagara 4thCross North Side | | 1 | 175.00 | 7.00 | | **1225.00** | | |
| | Amruthnagara 5th Cross South Side | | 1 | 104.00 | 7.00 | | **728.00** | | |
| | Amruthnagara 5thCross North Side | | 1 | 127.00 | 7.00 | | **889.00** | | |
| | Amruthnagara 6thCross North Side | | 1 | 31.00 | 7.00 | | **217.00** | | |
| | Amruthnagara 7thCross South Side | | 1 | 105.00 | 7.00 | | **735.00** | | |
| | Amruthnagara 4th Main | | 1 | 150.00 | 7.00 | | **1050.00** | | |
| | Cross Road | | 1 | 50.00 | 7.00 | | **350.00** | | |
| | Cross Road | | 1 | 70.00 | 7.00 | | **490.00** | | |
| | Cross Road | | 2 | 85.00 | 7.00 | | **1190.00** | | |
| | 1st Main AmruthnagaraA Sector | | 2 | 95.00 | 7.00 | | **1330.00** | | |
| | Basic Rate Rs. | 21.00 | | | | | **14159.00** | **22.68** | **321126.00** |
| | Add 8% A.W Rs. | 1.68 | | | | | | | |
| | **Total Rate Rs.** | **22.68** | | | | | | | |
| 11 | KSRRB 300-58. **Compaction of original ground with maximum** of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH Chapter 3 (P-145, I-19.64 SR 14-15) | | | | | | **Sqm** | | |
| | Amruthnagara 3rd Main | | 1 | 255.00 | 7.00 | | **1785.00** | | |
| | Amruthnagara 1st Cross South Side | | 1 | 41.00 | 6.00 | | **246.00** | | |
| | Amruthnagara 1st Cross North Side | | 1 | 25.00 | 6.00 | | **150.00** | | |
| | Amruthnagara 2nd Cross South Side | | 1 | 55.00 | 6.00 | | **330.00** | | |
| | Amruthnagara 2ndCross North Side | | 1 | 152.00 | 7.00 | | **1064.00** | | |
| | Amruthnagara 3rd Cross South Side | | 1 | 115.00 | 7.00 | | **805.00** | | |
| | Amruthnagara 3rdCross North Side | | 1 | 115.00 | 7.00 | | **805.00** | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Amruthnagara 4th Cross South Side | | 1 | 110.00 | 7.00 | | **770.00** | | |
| | Amruthnagara 4thCross North Side | | 1 | 175.00 | 7.00 | | **1225.00** | | |
| | Amruthnagara 5th Cross South Side | | 1 | 104.00 | 7.00 | | **728.00** | | |
| | Amruthnagara 5thCross North Side | | 1 | 127.00 | 7.00 | | **889.00** | | |
| | Amruthnagara 6thCross North Side | | 1 | 31.00 | 7.00 | | **217.00** | | |
| | Amruthnagara 7thCross South Side | | 1 | 105.00 | 7.00 | | **735.00** | | |
| | Amruthnagara 4th Main | | 1 | 150.00 | 7.00 | | **1050.00** | | |
| | Cross Road | | 1 | 50.00 | 7.00 | | **350.00** | | |
| | Cross Road | | 1 | 70.00 | 7.00 | | **490.00** | | |
| | Cross Road | | 2 | 85.00 | 7.00 | | **1190.00** | | |
| | 1st Main AmruthnagaraA Sector | | 2 | 95.00 | 7.00 | | **1330.00** | | |
| | | | | | | | **14159.00** | **4.48** | **63461.00** |
| | Basic Rate Rs. | 4.15 | | | | | | | |
| | Add 8% A.W Rs. | 0.33 | | | | | | | |
| | **Total Rate Rs.** | **4.48** | | | | | | | |
| **12** | KSRRB 300-64.2. **Extra for watering the earth to bring the earth** upto required optimum moisture content with mechinery including cost of all labour, HOM of machineries complete as per specifications.MORTH Chapter 3 (P-146, I-19.72 SR-14-15 | | | | | | **Cum** | | |
| | Amruthnagara 3rd Main | | 1 | 255.00 | 7.00 | 0.08 | **133.88** | | |
| | Amruthnagara 1st Cross South Side | | 1 | 41.00 | 6.00 | 0.08 | **18.45** | | |
| | Amruthnagara 1st Cross North Side | | 1 | 25.00 | 6.00 | 0.08 | **11.25** | | |
| | Amruthnagara 2nd Cross South Side | | 1 | 55.00 | 6.00 | 0.08 | **24.75** | | |
| | Amruthnagara 2ndCross North Side | | 1 | 152.00 | 7.00 | 0.08 | **79.80** | | |
| | Amruthnagara 3rd Cross South Side | | 1 | 115.00 | 7.00 | 0.08 | **60.38** | | |
| | Amruthnagara 3rdCross North Side | | 1 | 115.00 | 7.00 | 0.08 | **60.38** | | |
| | Amruthnagara 4th Cross South Side | | 1 | 110.00 | 7.00 | 0.08 | **57.75** | | |
| | Amruthnagara 4thCross North Side | | 1 | 175.00 | 7.00 | 0.08 | **91.88** | | |
| | Amruthnagara 5th Cross South Side | | 1 | 104.00 | 7.00 | 0.08 | **54.60** | | |
| | Amruthnagara 5thCross North Side | | 1 | 127.00 | 7.00 | 0.08 | **66.68** | | |
| | Amruthnagara 6thCross North Side | | 1 | 31.00 | 7.00 | 0.08 | **16.28** | | |
| | Amruthnagara 7thCross South Side | | 1 | 105.00 | 7.00 | 0.08 | **55.13** | | |
| | Amruthnagara 4th Main | | 1 | 150.00 | 7.00 | 0.08 | **78.75** | | |
| | Cross Road | | 1 | 50.00 | 7.00 | 0.08 | **26.25** | | |
| | Cross Road | | 1 | 70.00 | 7.00 | 0.08 | **36.75** | | |
| | Cross Road | | 2 | 85.00 | 7.00 | 0.08 | **89.25** | | |
| | 1st Main AmruthnagaraA Sector | | 2 | 95.00 | 7.00 | 0.08 | **106.40** | | |
| | | | | | | | **1068.58** | **2.16** | **2308.00** |
| | Basic Rate Rs. | 2.00 | | | | | | | |
| | Add 8% A.W Rs. | 0.16 | | | | | | | |
| | **Total Rate Rs.** | **2.16** | | | | | | | |
| **13** | KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to **wet mix macadam** specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. (P. 154, Item No. 20.18) SR 14-15 | | | | | | **Cum** | | |
| | Amruthnagara 3rd Main | | 1 | 255.00 | 7.00 | 0.20 | **357.00** | | |
| | Amruthnagara 1st Cross South Side | | 1 | 41.00 | 7.00 | 0.20 | **57.40** | | |
| | Amruthnagara 1st Cross North Side | | 1 | 25.00 | 7.00 | 0.20 | **35.00** | | |
| | Amruthnagara 2nd Cross South Side | | 1 | 55.00 | 7.00 | 0.20 | **77.00** | | |
| | Amruthnagara 2ndCross North Side | | 1 | 152.00 | 7.00 | 0.20 | **212.80** | | |
| | Amruthnagara 3rd Cross South Side | | 1 | 115.00 | 7.00 | 0.20 | **161.00** | | |
| | Amruthnagara 3rdCross North Side | | 1 | 115.00 | 7.00 | 0.20 | **161.00** | | |
| | Amruthnagara 4th Cross South Side | | 1 | 110.00 | 7.00 | 0.20 | **154.00** | | |
| | Amruthnagara 4thCross North Side | | 1 | 175.00 | 7.00 | 0.20 | **245.00** | | |
| | Amruthnagara 5th Cross South Side | | 1 | 104.00 | 7.00 | 0.20 | **145.60** | | |
| | Amruthnagara 5thCross North Side | | 1 | 127.00 | 7.00 | 0.20 | **177.80** | | |
| | Amruthnagara 6thCross North Side | | 1 | 31.00 | 7.00 | 0.20 | **43.40** | | |
| | Amruthnagara 7thCross South Side | | 1 | 105.00 | 7.00 | 0.20 | **147.00** | | |
| | Amruthnagara 4th Main | | 1 | 150.00 | 7.00 | 0.20 | **210.00** | | |
| | Cross Road | | 1 | 50.00 | 7.00 | 0.20 | **70.00** | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Cross Road | | 1 | 70.00 | 7.00 | 0.20 | **98.00** | | |
| | Cross Road | | 2 | 85.00 | 7.00 | 0.20 | **238.00** | | |
| | 1st Main AmruthnagaraA Sector | | 2 | 95.00 | 7.00 | 0.20 | **266.00** | | |
| | Basic Rate Rs. | 1332.00 | | | | | **2856.00** | **1438.56** | **4108527.00** |
| | Add 8% A.W Rs. | 106.56 | | | | | | | |
| **14** | KSRRB M500-6. Providing and applying **primer coat** with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. (P. 171, Item No. 21.6) SR 12-13 | | | | | | **Sqm** | | |
| | Amruthnagara 3rd Main | | 1 | 255.00 | 7.00 | | **1785.00** | | |
| | Amruthnagara 1st Cross South Side | | 1 | 41.00 | 7.00 | | **287.00** | | |
| | Amruthnagara 1st Cross North Side | | 1 | 25.00 | 7.00 | | **175.00** | | |
| | Amruthnagara 2nd Cross South Side | | 1 | 55.00 | 7.00 | | **385.00** | | |
| | Amruthnagara 2ndCross North Side | | 1 | 152.00 | 7.00 | | **1064.00** | | |
| | Amruthnagara 3rd Cross South Side | | 1 | 115.00 | 7.00 | | **805.00** | | |
| | Amruthnagara 3rdCross North Side | | 1 | 115.00 | 7.00 | | **805.00** | | |
| | Amruthnagara 4th Cross South Side | | 1 | 110.00 | 7.00 | | **770.00** | | |
| | Amruthnagara 4thCross North Side | | 1 | 175.00 | 7.00 | | **1225.00** | | |
| | Amruthnagara 5th Cross South Side | | 1 | 104.00 | 7.00 | | **728.00** | | |
| | Amruthnagara 5thCross North Side | | 1 | 127.00 | 7.00 | | **889.00** | | |
| | Amruthnagara 6thCross North Side | | 1 | 31.00 | 7.00 | | **217.00** | | |
| | Amruthnagara 7thCross South Side | | 1 | 105.00 | 7.00 | | **735.00** | | |
| | Amruthnagara 4th Main | | 1 | 150.00 | 7.00 | | **1050.00** | | |
| | Cross Road | | 1 | 50.00 | 7.00 | | **350.00** | | |
| | Cross Road | | 1 | 70.00 | 7.00 | | **490.00** | | |
| | Cross Road | | 2 | 115.00 | 7.00 | | **1610.00** | | |
| | 1st Main AmruthnagaraA Sector | | 2 | 95.00 | 7.00 | | **1330.00** | | |
| | | | | | | | **14700.00** | 39.64 | **582649.00** |
| | Basic Rate Rs. | 36.70 | | | | | | | |
| | Add 8% A.W Rs. | 2.94 | | | | | | | |
| | **Total Rate Rs.** | **39.64** | | | | | | | |
| | **Total Rate Rs.** | **1438.56** | | | | | | | |
| **15** | KSRRB M500-18. Providing and laying **semi dense bituminous** concrete 25 mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.8 complete in all respects as per specifications. with 80/100 grade bitumen using 40-60 HMP using mechanical paver (P. 159, Item No. 21.20.5 SR-14-15 | | | | | | **Cum** | | |
| | Amruthnagara 3rd Main | | 1 | 255.00 | 7.00 | 0.025 | **44.63** | | |
| | Amruthnagara 1st Cross South Side | | 1 | 41.00 | 7.00 | 0.025 | **7.18** | | |
| | Amruthnagara 1st Cross North Side | | 1 | 25.00 | 7.00 | 0.025 | **4.38** | | |
| | Amruthnagara 2nd Cross South Side | | 1 | 55.00 | 7.00 | 0.025 | **9.63** | | |
| | Amruthnagara 2ndCross North Side | | 1 | 152.00 | 7.00 | 0.025 | **26.60** | | |
| | Amruthnagara 3rd Cross South Side | | 1 | 115.00 | 7.00 | 0.025 | **20.13** | | |
| | Amruthnagara 3rdCross North Side | | 1 | 115.00 | 7.00 | 0.025 | **20.13** | | |
| | Amruthnagara 4th Cross South Side | | 1 | 110.00 | 7.00 | 0.025 | **19.25** | | |
| | Amruthnagara 4thCross North Side | | 1 | 175.00 | 7.00 | 0.025 | **30.63** | | |
| | Amruthnagara 5th Cross South Side | | 1 | 104.00 | 7.00 | 0.025 | **18.20** | | |
| | Amruthnagara 5thCross North Side | | 1 | 127.00 | 7.00 | 0.025 | **22.23** | | |
| | Amruthnagara 6thCross North Side | | 1 | 31.00 | 7.00 | 0.025 | **5.43** | | |
| | Amruthnagara 7thCross South Side | | 1 | 105.00 | 7.00 | 0.025 | **18.38** | | |
| | Amruthnagara 4th Main | | 1 | 150.00 | 7.00 | 0.025 | **26.25** | | |
| | Cross Road | | 1 | 50.00 | 7.00 | 0.025 | **8.75** | | |
| | Cross Road | | 1 | 70.00 | 7.00 | 0.025 | **12.25** | | |
| | Cross Road | | 2 | 85.00 | 7.00 | 0.025 | **29.75** | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Existing Surface-2nd Main | | 1 | 86.00 | 7.00 | 0.025 | 15.05 | | |
| | 1st main Amruthanagara A Sector | | 1 | 56.00 | 7.00 | 0.025 | 9.80 | | |
| | | | | 95.0 | | | 348.60 | 9794.52 | 3414370.00 |
| | Basic Rate Rs. | 9069.00 | | | | | | | |
| | Add 8% A.W Rs. | 725.52 | | | | | | | |
| | **Total Rate Rs.** | **9794.52** | | | | | | | |
| **16** | Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 5.00 Km ( Page No.141) | | | | | | | Cum | |
| | Basic rate for haulage of materials as per item no.17.4 page 141) Rs. 2.00 | | | | | | | | |
| | Average weight of earth 1.28 tonne / kg | | | Qty vide Item No.3 | | -- | **497.61** | 72.71 | **36179.00** |
| | Basic Tate Lead Charges upto 2.00 Kms | 62.20 | | | | | | | |
| | 2x1.28x2 = | 5.12 | | | | | | | |
| | Loading and unloading | 67.32 | | | | | | | |
| | Average Weight of earth 1.28 tone/kg for 6x1.20x2.00=12.00 | 5.39 | | | | | | | |
| | | **72.71** | | | | | | | |
| **17** | KRIDL CHARGES 11% | | | | | | | | **1089000.00** |
| **18** | Third party inspection charges 1% | | | | | | | | **99000.00** |
| | | | | | | | | | 4701 **4698.00** |
| | | | | | | | | **Toatl Rs.** | **9900000.00** |

**(Rupees:- Ninety Nine Lakhs Only)**

**CERTIFICATE:**

1 The work spot has been inspected me and the work is found to be necessary.
2 The estimate is prepared as per PW, P&IWTD S.R Bangalore circle for the year 2013-14
3 The Provisions made in the estimate are quite necessary and adequate.
4 The area comes with in the BBMP limits.

Junior Engineer
Ward No. 07

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP

Executive Engineer
Byatarayanapura Division
BBMP

Technical Sanction for Rs. 99.00 Lakhs
is accorded under head P0190
registered as CE (BTP) No. 22 Dt: 21.07.14 Subject
to Conditions contained in enclosed memo
No. / 22 Dt. 21/07/14
AE/IE TA SE (BTP) CE (BTP)

ADMINISTRATIVELY SANCTIONED FOR Rs. 99.00 lakhs
Rupees Ninety Nine Lakhs only
Under
Adl Comr(Yz) A5/909/13-14
dated 24/2/2014 Rs. 99.00 lakhs

Addl. Commissioner
(Yelahanka Zone)
BBMP. Bengaluru-92.